Remarks/Arguments:

Claims 24-30 have been allowed. Claims 31-34 stand rejected.

Drawings

The Examiner has disapproved the replacement drawing sheets filed in the previous Response to the Office Action, because each was not identified in the top margin as a "Replacement Sheet". In addition, the Examiner requested that marked-up copies of the replacement sheets also be submitted.

Applicants are now submitting the same drawing sheets that have been submitted on July 2, 2004. One set of sheets contains the caption at the top margin of "Replacement Sheet" and the other set, indicated by "Marked-up Copy", shows, in red, the changes made to the figures.

As noted, the only changes made to Figs. 11, 17, 24, 27, 28, 29 and 30 are the addition of the legend "Prior Art". No other changes have been made.
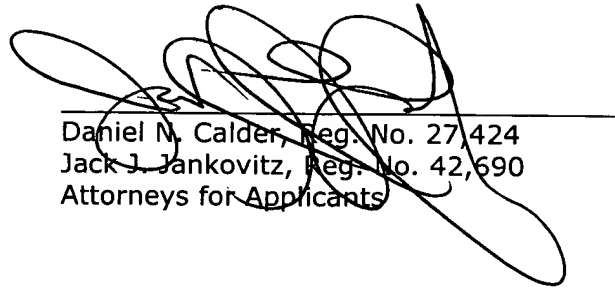
Section 112 Rejections

Claims 31-34 have been rejected under Section 112, as being indefinite for failing to particularly claim the subject matter of the invention. Applicants have now amended claims 31, 32, 33 and 34 to overcome these Section 112 rejections.

Conclusion

Claims 24-30 have been allowed. Amended claims 31-34 are now also in condition for allowance.

Respectfully submitted,

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Jack J. Jankovitz, Reg. No. 42,690
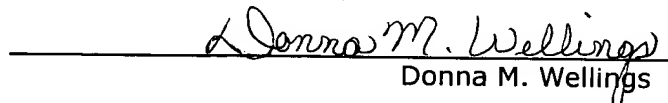Attorneys for Applicants

JJJ/dmw

Enclosures: Marked-Up Figs. 11, 17, 24, 27, 28, 29, 30
              (7) Replacement Sheets

Dated: December 10, 2004

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The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 10, 2004.

Donna M. Wellings

DMW_I:\MTS\3217US\AMEND_02.DOC

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 11, 17, 24, 27-

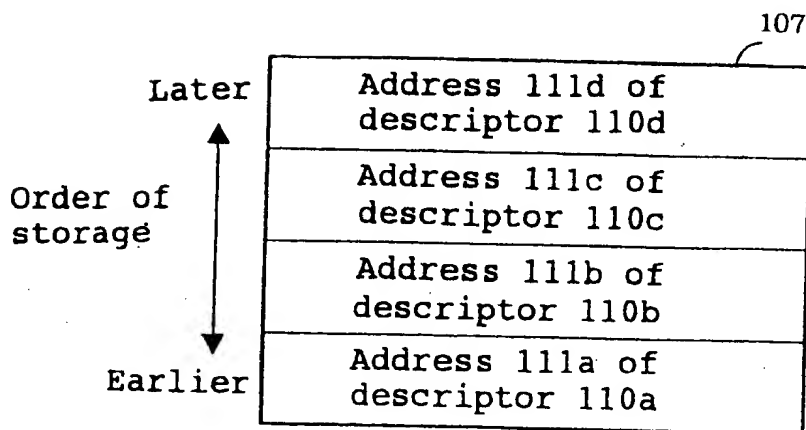30. These sheets replace the original sheets.

Fig. 10

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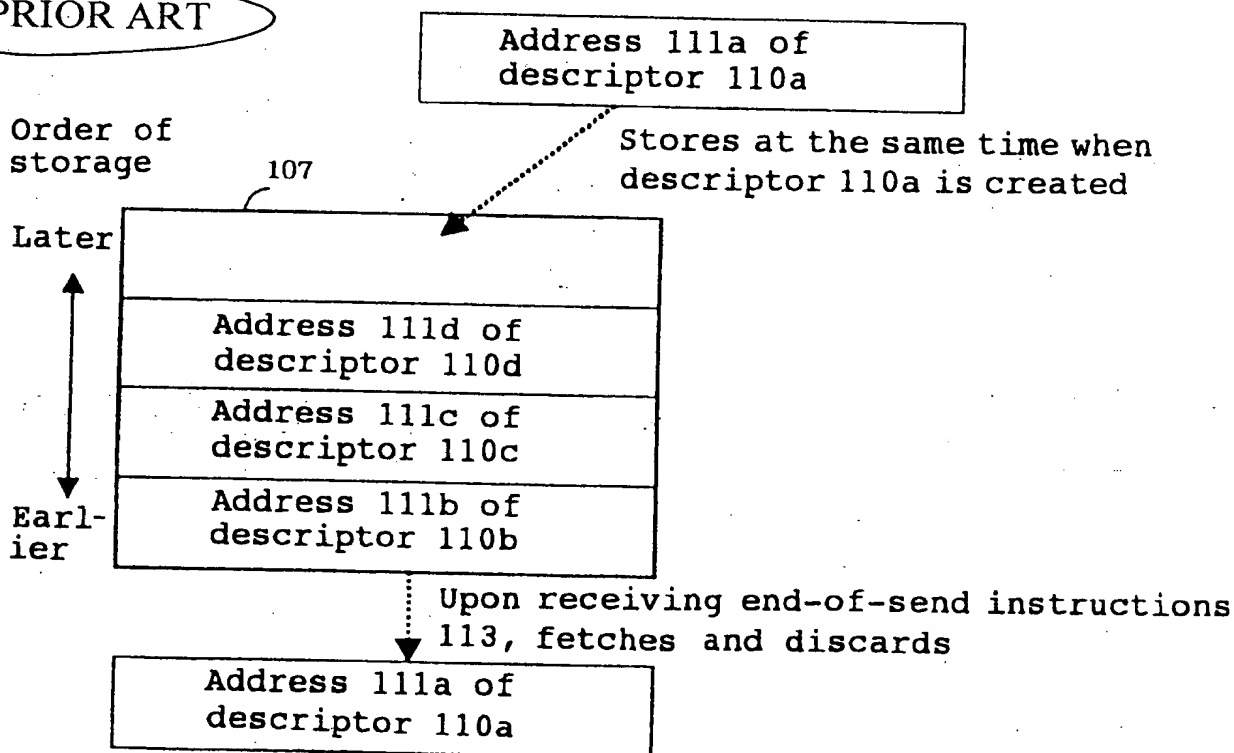|	Address 111d of descriptor 110d
Later ↑ Order of storage ↓ Earlier	Address 111c of descriptor 110c
	Address 111b of descriptor 110b
	Address 111a of descriptor 110a

Fig. 11

PRIOR ART

Address 111a of
descriptor 110a

Stores at the same time when
descriptor 110a is created

Order of
storage

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Later ↑ ↓ Earl- ier	
	(empty)
	Address 111d of descriptor 110d
	Address 111c of descriptor 110c
	Address 111b of descriptor 110b

Upon receiving end-of-send instructions
113, fetches and discards

Address 111a of
descriptor 110a

Fig. 17 (PRIOR ART)

Fig. 24

(PRIOR ART)

	iPCR[0] of receiver 601			oPCR[0] of transmitter 602		
	bcc	p2p	channel number	bcc	p2p	channel number
Initial condition	0	0	63	0	0	63
FIG. 6	1	0	63	1	0	63
FIG. 7	0	1	63	0	1	63
FIG. 8	1/0	1	63	1	1	63

Fig. 27

(PRIOR ART)

	bcc	p2p	channel number	Comments
Initial condition	0	0	63	
Start-of-reception of PC 701	0	1	0	PC 701 allocates resources
Start-of-regeneration of DV 702	1	1	0	
Stop-of-regeneration of DV 702	0	1	0	
Stop-of-reception of PC 701	0	0	63	PC 701 releases resources

Fig. 28 (PRIOR ART)

	bcc	p2p	channel number	Comments
Initial condition	0	0	63	
Start-of-reception of PC 701	0	1	0	PC 701 allocates resources
Start-of-regeneration of DV 702	1	1	0	
Stop-of-reception of PC 701	1	0	63	
Stop-of-regeneration of DV 702	0	0	63	DV 702 releases resources

Fig. 29

(PRIOR ART)

	bcc	p2p	channel number	Comments
Initial condition	0	0	63	
Start-of-regeneration of DV 702	1	0	63	DV 702 allocates resources
Start-of-reception of PC 701	1	1	63	
Stop-of-reception of PC 701	1	0	63	
Stop-of-regeneration of DV 702	0	0	63	DV 702 allocates resources

Fig. 30

(PRIOR ART)

	bcc	p2p	channel number	Comments
Initial condition	0	0	63	
Start-of-regeneration of DV 702	1	0	63	DV 702 allocates resources
Start-of-reception of PC 701	1	1	63	
Stop-of-regeneration of DV 702	0	1	63	
Stop-of-reception of PC 701	0	0	63	